Previous Exams in

Master Degree (First Part)

Of

OBSTETRICS & GYNECOLOGY

Menoufia University



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(1) Anatomy

November 2015

1- Give an account on anatomy and development of **the ovary**
2- Discuss anatomy of **pelvic diaphragm**
3- Give an account of **Uterus**: development, anomalies and supporting factors

May 2015

1- Give an account on anatomy of **Pudendal canal**
2- Discuss the anatomy of **pelvic floor**
3- Give an account on developmental anomalies and vascularity of the female genital system

November 2014

1- Describe anatomy of **Pudendal nerve**
2- Describe, anatomy, vasculature , development and anomalies of the **vagina**
3- Describe the vasculature of:
    a) Ovaries
    b) Uterus
    c) Clitoris

May 2014

1- Give an account on anatomy and peritoneal folds related to the **ovary**.
2- Discuss anatomy of **pelvic floor**
3- Give an account on development, anomalies and supporting factors of the **uterus**

May 2003

1- Describe anatomy of the **perineal membrane**
2- Describe anatomy of the **pelvic floor**, Add note in its role in supporting uterus
3- Describe developmental anomalies, blood supply and lymphatic drainage of the **ovaries**
4- Describe anatomy of the **pelvic part of ureter** in females.

(2) Physiology

MAY 2014

Give an account on

1- Circulatory shock (10)
2- Endocrinal functions of the ovary (15)

MAY 2008

Give an Account on

1- Mechanism of action of steroid hormones
2- Vomiting reflex; components and stimulation
3- Ovarian cycle, phases and control
4- Lactation, mechanism and control

NOVEMBER 2007

Give an Account on

1- Body compensatory mechanisms to hemorrhage
2- Visceral pain, receptors, causes, pathway and reception
3- Physiology of uterine endometrial cycle, phases and control
4- Non endocrine functions of the placenta
5- Physiology of puberty; mechanisms concerned and tuning in female

NOVEMBER 2006

Give an Account on

1- Shock, definition, types and causes.
2- Vomiting reflex arc, causes and mechanisms concerned
3- Ovulation in adult female, mechanism and evidences
4- Puberty in females, normal age, mechanisms concerned and tuning
5- Assessment of testicular functions in male.

MAY 2005

Give an Account on

1- Primary hemostasis

2- Female sexual cycle and its functional control
3- Physiology of puberty, age of incidence, tuning and mechanism
4- Assessment of testicular functions in male.
5- Physiology of labor, preparation and stages.

MAY 2003

Give an Account on

1- Pain sensation, receptors, pathway, and centers of integration.
2- Body response to hemorrhage
3- Hormonal control of female sexual cycle
4- Physiology of fertilization and implantation in female genital tract
5- Physiology of lactation, mechanisms concerned and hormonal control

MAY 2002

1- Role of kidney in arterial blood regulation
2- Deep pain characteristics, causes and pathway
3- Non endocrine functions of the placenta
4- Estrogen hormone, functions and control of secretion
5- Mechanism of lactation and its control

NOVEMBER 2000

Give an Account on

1- Hazards of incompatible blood transfusion
2- Normal body temperature and mechanisms of its regulation
3- Female sexual cycle and its hormonal control
4- Physiology of puberty
5- Spermatogenesis, steps and control

MAY 2000

Give an Account on

1- Physiology of pain receptors, causes of deep pain
2- Body response to hemorrhage
3- Physiology of lactation
4- Estrogen hormone secretion control and function
5- Vomiting, mechanism and causes

(3) Pathology

MAY 2014

1- Define shock and compare between hypovolemic and septic shock?
2- Enumerate:
   a) Causes of endometriosis
   b) Causes of Abnormal uterine bleeding
   c) Secondary changes in leiomyoma
3- Give short notes on functionally active ovarian tumors?
4- Give an account on:
   a) Invasive mole
   b) Cervical intraepithelial neoplasia
   c) Malignant mixed mullerian tumor
   d) Herpes simplex 2 virus infection

MAY 2010

1- Give an account on hypovolemic shock?
2- Give an account on cervical polyp?
3- Discuss the pathology of functioning ovarian tumor?
4- Give an account on ectopic pregnancy?

MAY 2008

1- A 4yrs old girl is noted to have breast enlargement and vaginal bleeding. On physical examination she is noted to have a 9 cm pelvic mass:
   a) What is the most likely diagnosis?
   b) Describe the pathological features of this feature?
2- What is the clinical significance of hydatidiform mole?
3- What are the viral pathogens causing infections in the lower female genital tract?

MAY 2005

1- Discuss the pathology of germ cell tumors of the ovary?
2- Discuss the pathology of cervical intraepithelial neoplasia?
3- Give an account on puerperal sepsis?
4- Discuss the pathology of gonorrhea in female genital tract?

MAY 2003

1- Discuss the pathology of germ cell tumors of the ovary?
2- Discuss the pathology of tuberculosis of the female genital organs?
3- Give an account on endometriosis?
4- Discuss the pathology of gonorrhea in female?

MAY 2002

1- Discuss the pathology of surface epithelial tumors of the ovary?
2- Give an account on the pathology of:
   a) Cervical intraepithelial neoplasia
   b) Adenomyosis
3- Discuss the pathology of bilharziasis of the female genital tract?
4- Discuss the pathology of chronic cervicitis?

NOVEMBER 2001

1- Discuss the pathology of endometrial hyperplasia?
2- Give an account on the pathology of:
   a) Chronic non-specific cervicitis
   b) Serous neoplasms of the ovary
3- Discuss the pathology of cervical carcinoma
4- Give an account on the pathology of:
   a) Ovarian teratoma
   b) Granulosa cell tumor

MAY 2000

1- Discuss the pathology of
   a) Puerperal sepsis
   b) Adenomyosis
2- Discuss the pathology of carcinoma of the uterine body
3- Give an account on the pathology of:
   a) Sex cord stromal tumor of the ovary.
   b) Uterine leiomyoma.
4- Discuss the pathology of bilharziasis in the female genital tract.

NOVEMBER 1998

1- Discuss the pathology of endometrial carcinoma
2- Give an account on the pathology of:
   a) Tuberculosis salpingitis
   b) Cervical erosions
3- Discuss the pathology of cystic ovarian neoplasms
4- Give an account on the etiology and pathological features of endometriosis

NOVEMBER 1997

1- Discuss the pathology of germ cell tumors of the ovary
2- Give an account on the pathology of
   a) Venous thrombosis
   b) Cervical erosion
   c) Tuberculosis salpingitis
   d) Senile endometritis
3- Discuss the pathology of:
   a) Epithelial dysplasia
   b) Endometriosis
   c) Condyloma accuminata

MAY 1995

1- Discuss the pathology of ovarian neoplasms
2- Give an account on:
   a) Sarcoma of the vagina
   b) Adenomyosis
   c) Thrombophlebitis
3- Discuss the pathology of:
   a) Ectopic pregnancy
   b) Hypovolemic shock
4- Discuss the pathology of chronic cervicitis

NOVEMBER 1994

1- Discuss the pathology of:
   a) Ovarian cystic teratoma
   b) Myometrial leiomyoma
2- Give an account on the pathology of:

a) Cysts of the ovary
b) Chronic salpingitis
c) Features of placental neoplasms

3- Discuss the etiology and pathological features of endometriosis?

(4) Microbiology

MAY 2014

1- Discuss causative organism, mode of transmission and laboratory diagnosis of:
   a) Rubella
   b) Non-specific urethritis due to chlamydia
2- Write short notes on:
   a) Control of nosocomial infections
   b) Modes of transmission and vaccination of hepatitis B virus (HBV)
   c) RH incompatibility (mechanism and laboratory diagnosis)
   d) Tetanus neonatorum (etiology and prevention)

MAY 2013

1- Enumerate organisms that can be transmitted sexually, describe the laboratory diagnosis and prophylaxis against ONE of them
2- Write short notes on:
   a) Pyrexia of unknown origin (PUO)
   b) Characters of ideal chemotherapeutic agent.
   c) Candida (pathogenesis, clinical infections, laboratory diagnosis and treatment)

NOVEMBER 2008

1- Give an account on:
   a) Pathogenesis of AIDS
   b) Serological diagnosis of Syphilis
2- Write short notes on:
   a) Congenital rubella syndrome
   b) Hepatitis B vaccination
3- Enumerate:
   a) Methods of sterilization
   b) Complications of antimicrobial therapy
   c) Organisms that may be acquired by the baby from the birth canal during labor

(5) Pharmacology

MAY 2014

Answer the Following questions:

1) Mention Types, mechanism of action, adverse effects, contraindications and drug interaction of oral contraceptives. (15 marks)
2) What are the untoward effects of (10 Marks)
   a. Metronidazole
   b. Domperidone
   c. Quinolones
   d. Insulin

NOVEMBER 2013

Answer the Following questions:

1) Mention Indications, Types, Mechanism of Action and Precautions during Use of Uterine Relaxant……………………………………………………………………(10 marks)
2) What are the untoward effects of…………………………………………………(15 Marks)
   a. Cephalosporins (3 Marks)
   b. Corticosteroids (3 Marks)
   c. Oral Contraceptives (3 Marks)
   d. Oxytocin (3 Marks)
   e. Heparin (3 Marks)

MAY 2013

Answer the Following questions:

3) Uterine Relaxants may be used in special situations, Mention; Indications, types, mechanism of actions, and precautions during their use……………………………………………………………………(10 marks)
4) What are the untoward effects of…………………………………………………(15 Marks)
   a. Penicillins (3 Marks)
   b. Metoclopramide (3 Marks)
   c. Oral Contraceptives (3 Marks)
   d. Oxytocin (3 Marks)
   e. Insulin (3 Marks)

(6) Internal Medicine

May 2014

Give an Account on (37.5 Marks)

1- DIC (Disseminated intravascular coagulopathy)
2- Management of congestive heart failure (CHF), Diagnosis and treatment.

November 2013

Give an Account on (37.5 Marks)

1- Hyper-coagulable state (tendency to clot)
2- Bronchial Asthma during pregnancy.

May 2013

Give an Account on (37.5 Marks)

1- Hypertensive disorders during pregnancy
2- DIC (Disseminated intravascular coagulopathy)

November 2012

Give an Account on (37.5 Marks)

1- Diabetes in Pregnancy
2- Complications of blood transfusion

May 2011

Give an Account on (37.5 Marks)

1- Screening, Diagnosis and management of thyroid dysfunction in pregnancy (20 mark)
2- Give an account on nephrological problems in pregnancy (17.5 marks)

May 2008

Give an Account on (37.5 Marks)

1- Causes and management of edema in pregnant lady?
2- Hepato-bilary disorders in pregnancy?

MAY 2006

1- Discuss approach to pregnant lady with hypertension?
2- Short account on complications of blood transfusion?
3- Give an account on teratogenicity of drugs?

(7) General surgery

MAY 2014

Give an account on:

1- Causes and management of nipple discharge of female breast (25 marks)
2- Differential diagnosis and investigations of right iliac fossa MASS (25 marks)
3- Clinical features, investigations and management of Acute DVT (25 marks)
4- Causes of postoperative fever (25 marks)

MAY 2010

1- Clinical picture of perforated duodenal ulcer, outline the management.
2- Operative complication of cholecystectomy
3- Differential diagnosis of suprapubic subumblical swelling, how can you reach diagnosis

MAY 2008

1- Give an account on post-operative chest complication of pelvic operation
2- Breast abscess, give an account on clinical picture, differential diagnosis, management and complications
3- A 45yrs old lady complaining of fresh blood per anus in intermittent attacks, enumerate the causes, discuss 2 causes in details.